



## Early Journal Content on JSTOR, Free to Anyone in the World

This article is one of nearly 500,000 scholarly works digitized and made freely available to everyone in the world by JSTOR.

Known as the Early Journal Content, this set of works include research articles, news, letters, and other writings published in more than 200 of the oldest leading academic journals. The works date from the mid-seventeenth to the early twentieth centuries.

We encourage people to read and share the Early Journal Content openly and to tell others that this resource exists. People may post this content online or redistribute in any way for non-commercial purposes.

Read more about Early Journal Content at <http://about.jstor.org/participate-jstor/individuals/early-journal-content>.

JSTOR is a digital library of academic journals, books, and primary source objects. JSTOR helps people discover, use, and build upon a wide range of content through a powerful research and teaching platform, and preserves this content for future generations. JSTOR is part of ITHAKA, a not-for-profit organization that also includes Ithaka S+R and Portico. For more information about JSTOR, please contact [support@jstor.org](mailto:support@jstor.org).

# THE ANALYST.

A JOURNAL OF

PURE AND APPLIED MATHEMATICS.

---

EDITED AND PUBLISHED BY

J. E. HENDRICKS, A. M.

---

VOLUME VI

DES MOINES, IOWA:  
MILLS & Co., BOOK AND JOB PRINTERS.  
1879.

# ALPHABETICAL INDEX.

	PAGE		PAGE
An account of Cauchy's Calcul des		On the Arithmetico Geometric Mean,	10
Residus, - - - - 1, 41,	173	On the Removal of terms from an	
Answer to Query on page 143, Vol. V,	25	Equation of the Fifth Degree,	78
" " " " 16, -	55	On the Trisection of an angle,	117
" " " 1, " 64, - -	85	On Unsymmetrical Adjustments, and	
Announcement of Vol. VII, - -	191	their Limits,	140, 161
Adcock, R. J., - - - - 113,	151	On a Theorem of Lambert's	171
Arnold, J. M., - . - - 54,	182	Problems, . . 31, 64, 95, 127, 159,	190
Barbour, Prof. L. G., - - - - 108		Publications Rec'd, 64, 96, 128, 160,	192
Correspondence, - - - - 54,	182	Query, . . . . 16, 64, 128,	191
Curve of Pursuit Generalized, -	108	Revision of Proof of formula for Errors	
Computation of the Cube Root of 2,	117	of Observation, . . . . 80	
Construction of the Metian Ratio, -	189	Remarks on the Resolution, in Integers;	
Comstock, Prof. M. L., - - - - 54		of the Eq. $(x+1)(x+2) \dots (x+n)=y^2$ ,	149
Chase, Prof. P. E., - - - - 127,	189	Solutions of Problems in No. 1,	56
Demonstration of a Proposition, 83,	151	" " " " " 2, . . . . 88	
De Forest, E. L., - - - 65,	140, 161	" " " " " 3, . . . . 120	
Evans, Prof. A. B., - - - - 149		" " " " " 4, . . . . 152	
Errata, - 31, 64, 96, 128, 160,	192	" " " " " 5, . . . . 184	
Further Remarks on the Solut'n of 260,	183	" " " No. 6, Vol. V, 25,	47
Frisby, Prof. Edgar, . . . - 10		" " Problem 226, . . . . 17	
General Solution of Problem 143, -	81	" " " 215, . . . . 115	
Hall, Prof. Asaph, - - - 33,	129, 171	" " " 85, . . . . 189	
Harvill, G. W., - - - - 56		" " a Problem in Mensuration,	112
Hendrickson, Prof. W. W., - 115,	180	Stellar Parallax, . . . . 33	
Johnson, Prof. W. W., . 105,	119, 177	Symmetrical Functions of the sines of	
Kummell, Chas. H., 1, 41, 80,	97, 173	the Angles included in the Expres-	
Kershner, Prof. J. H., - - - - 53		sion $a_0 + (2k\pi \div n)$ , . . . . 105	
Martin, Artemas, - - - - 23,	117	Solution of the General Case of Prob-	
Note on Differentiation, - - - 22		lem 87, Math. Visitor, No. 2, . . . . 177	
Note, - - - - 54,	127	Scheffer, Prof. J., . . . . 14,	117
Note on the Catenary, - - - - 119		The Summation of Series whose Coeffi-	
Note on the Solution of Problem 260,	151	cients form an Arithmetical Progres-	
Note on a Form of the Equation of		sion of any Order, . . . . 14	
the Tangent to a Conic. - - - 180		The Tangency Problem, . . . . 53	
Nelson, Dr. A. B., . - - - 73			